

**SECTION 09253**  
**GYPSUM SHEATHING**

**PART 1 - GENERAL**

**0.1 DESCRIPTION OF WORK**

- A.** Work Included: This Section specifies the following items:
1. Glass-mat gypsum sheathing attached to cold-formed metal framing members at exterior wall.
- B.** Related Work: The following items are not included in this Section and will be performed under the designated Sections:
1. Section 04800 - MASONRY; masonry-veneer anchors.
  2. Section 05400 - COLD-FORMED METAL FRAMING; metal framing at exterior wall.
  3. Section 07210 - BUILDING INSULATION; insulation in cavity wall construction.
  4. Section 07270 - AIR AND VAPOR BARRIER SYSTEM; membrane over gypsum sheathing.
  5. Section 07620 - SHEET METAL FLASHING AND TRIM; flashing applied to gypsum sheathing.

**0.2 DEFINITIONS**

- A.** Gypsum Board Construction Terminology Standard: Refer to ASTM C 11 and GA-505 for definitions of terms for gypsum sheathing board construction not defined in this Section or in other referenced standards.

**0.3 SUBMITTALS**

- A.** Product Data: For each product specified.

**0.4 QUALITY ASSURANCE**

- A.** Source Limitations: Obtain each gypsum sheathing product through one source from a single manufacturer.
- B.** Fire-Resistance-Rated Assemblies: Where gypsum sheathing boards are part of fire-resistance-rated assemblies, provide assemblies as follows:

1. Assemblies comply with requirements of fire-response-tested assemblies indicated by GA File Numbers in GA-600, "Fire Resistance Design Manual"; or by design designations in UL's "Fire Resistance Directory" or in certification listings of another testing and inspecting agency acceptable to authorities having jurisdiction.
2. Fire-resistance ratings were determined by fire-response testing assemblies according to ASTM E 119.

## **0.5 DELIVERY, STORAGE, AND HANDLING**

- A. Deliver materials in original packages, containers, or bundles, each bearing brand name and identification of manufacturer.
- B. Store materials protected against damage from weather, direct sunlight, surface contamination, corrosion, construction traffic, or other causes. Neatly stack gypsum sheathing board flat on leveled supports off the ground, under cover, and fully protected from weather.

## **0.6 SEQUENCING AND SCHEDULING**

- A. Sequence installing sheathing with installing exterior cladding. Do not leave glass-mat gypsum sheathing board exposed to weather for more than 180 days.

# **PART 2 - PRODUCTS**

## **0.1 GLASS-MAT GYPSUM SHEATHING BOARD**

- A. Glass-Mat Gypsum Sheathing Board: ASTM C 1177.
  1. Type and Thickness: Type X, 5/8 inch thick.
  2. Size: 48 by 96 inches.
- B. Fasteners: Non-corrosive screws recommended by manufacturer and suitable for substrate.

# **PART 3 - EXECUTION**

## **0.1 INSTALLATION**

- A. General: Install gypsum sheathing to comply with GA-253 and manufacturer's written instructions.

- B.** Cut boards at penetrations, edges, and other obstructions of the work; fit tightly against abutting construction, except provide a 3/8-inch setback where non-load-bearing construction abuts structural elements.
- C.** Coordinate sheathing installation with flashing and joint sealant installation so these materials are installed in the sequence and manner that prevent exterior moisture from passing through completed exterior wall assembly.
- D.** Apply fasteners so screw heads bear tightly against face of sheathing boards but do not cut into facing.
- E.** Do not bridge building expansion joints with sheathing; cut and space edges to match spacing of structural support elements.
- F.** Vertical Installation: Install 48-inch- wide gypsum sheathing boards vertically with vertical edges centered over flanges of steel studs. Abut ends and edges of each board with those of adjacent boards. Screw-attach boards at perimeter and within field of board to each steel stud:
  - 1. Perimeter: 6 inches on center.
  - 2. Field: 8 inches on center.

## **PART 4 - MEASUREMENT AND PAYMENT**

### **0.1 MEASUREMENT**

- A.** Gypsum sheathing will be measured as per square foot complete in place, including all preparation, accessories and incidentals.

### **0.2 PAYMENT**

- A.** Payment for gypsum sheathing will be made at the Contract unit price for the quantities as specified above.

### **0.3 PAYMENT**

ITEM NO.	DESCRIPTION	UNIT
0611.001	GYPSUM SHEATHING	SF

**END OF SECTION**